

Appendix 3: Clean copy of amended claims

OB 9. (Twice Amended) An isolated, purified, or enriched nucleic acid sequence at least 15 nucleotides in length, wherein said sequence corresponds to at least a portion of a bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9) sequence.

DY 12. (Amended) A recombinant vector comprising a nucleic acid sequence at least 24 nucleotides in length corresponding to a portion of bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

13. (Amended) A recombinant cell comprising a vector, wherein said vector comprises a nucleic acid sequence at least 24 nucleotides in length corresponding to at least a portion of bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

AS 33. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 17 (SEQ ID NO. 4).

34. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 19 (SEQ ID NO. 5).

35. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 43 (SEQ ID NO. 6).

36. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 102 (SEQ ID NO. 7).

37. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 104 (SEQ ID NO. 8).

DB conclude
38. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 182 (SEQ ID NO. 9).

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40. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 17 (SEQ ID NO. 4).

41. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 19 (SEQ ID NO. 5).

42. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 43 (SEQ ID NO. 6).

43. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 102 (SEQ ID NO. 7).

44. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 104 (SEQ ID NO. 8).

45. (Amended) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 182 (SEQ ID NO. 9).

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48. (Amended) An isolated, purified, or enriched nucleic acid sequence at least 15 nucleotides in length, wherein said sequence encodes a portion at least 5 amino acids in length of a polypeptide encoded by a bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

49. (Amended) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 17 (SEQ ID NO. 4).

50. (Amended) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 19 (SEQ ID NO. 5).

51. (Amended) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 43 (SEQ ID NO. 6).

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Include
52. (Amended) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 102 (SEQ ID NO. 7).

53. (Amended) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 104 (SEQ ID NO. 8).

54. (Amended) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 182 (SEQ ID NO. 9).

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59. (Amended) The sequence of claim 58, wherein said open reading frame is open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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61. (Amended) The sequence of claim 60, wherein said open reading frame is open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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63. (Amended) The sequence of claim 62, wherein said open reading frame is open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).